



**Chandler • Arizona**  
*Where Values Make The Difference*

# Civil Engineering Certificate of Quantities For Encroachment Permit

Log No.: \_\_\_\_\_

Date: \_\_\_\_\_

Project:	
Location:	

All quantities refer to both public and private unless otherwise noted.  
Utility trenching in right-of-way and utility easement is for dry utilities only.

## Inspection Fee Quantities

Paving	Unit	Quantity
1. Public right-of-way	Square yards	
2. Private streets and drives	Square yards	
3. Parking areas	Square yards	
4. Overlay (all)	Square yards	
5. Alley surface	Square yards	
6. Street sign base, installed by Developer	Each	
7. Street name sign, installed by City, per sign base	Each	
8. Mill and overlay	Square yards	

Concrete	Unit	Quantity
1. Concrete driveway or alley entrance	Each	
2. Concrete valley gutter	Lineal feet	
3. Concrete apron, one per intersection corner where applicable	Each	
4. Curb and gutter	Lineal feet	
5. Sidewalk	Square feet	
6. Catch basin/scupper	Each	
7. Sidewalk ramp	Each	

Water	Unit	Quantity
1. Water pipe (4" and larger)	Lineal feet	
2. Water services	Lineal feet	
3. Pavement cut	Square yards	
4. Tapping sleeve and valve		
a. Non-fire line	Each	
b. Fire line	Each	
5. Landscape irrigation system connection with backflow device	Each	
6. Fire line with backflow prevention device	Lineal feet	
7. Fire line without backflow prevention device	Lineal feet	

Mailing Address:  
P.O. Box 4008, MS 406  
Chandler, Arizona 85244-4008

**Planning and Development Department**  
**Development Services Division**  
**Civil Engineering Plan Review Section**  
**215 E. Buffalo St., Chandler Arizona 85225**

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Form No. UDM-08/Folder 310  
Rev: 1-31-06

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**Reclaimed Water**

1. Water pipe (4" and larger)	Lineal feet	
2. Water services	Lineal feet	
3. Pavement cut	Square yards	
4. Tapping sleeve and valve	Each	

**Sewer**

1. Sewer pipe (8" and larger)	Lineal feet	
2. Sewer service	Lineal feet	
3. Manhole	Each	
4. Pavement cut	Square yards	
5. Clean out/drop connection	Each	

**Drainage**

1. Retention basin, on-site plus offsite (grading)	Acre	
2. Irrigation pipe (SRP, RWCD and private)	Lineal feet	
3. Stormwater pipe (include box culvert)		
a. Public right-of-way	Lineal feet	
b. On site	Lineal feet	
4. Manhole	Each	
5. Headwall	Each	
6. Pavement cut	Square yards	
7. Dry well	Each	
8. Storm water retention pipe	Lineal feet	

**Miscellaneous**

1. Utility trenching, in right-of-way and utility easement	Lineal feet	
2. Streetlight pole (public)	Each	
3. Boring on local street	Each	
4. Boring on arterial or collector street	Each	

**Pavement Damage Fee Quantities**

**Paving**

1. Pavement removal (0 - 1 year old)	Square yards	
2. Pavement removal (1 - 2 years old)	Square yards	
3. Pavement removal (2 - 4 years old)	Square yards	
4. Pavement removal (4 - 6 years old)	Square yards	
5. Pavement removal (over 6 years old)	Square yards	
6. Pavement reconstruction *                      Yes              No	Square yards	

\* Option in lieu of paying the pavement damage fee.

**I hereby certify that these quantities are accurate.**

Seal, date and signature of Registered Civil Engineer:

\_\_\_\_\_  
Printed Name